

Quality Control Laboratories

Certificate of Analysis

Name Of Product : Niacinamide USP Powder	Date Of Mfg: July 2011
Batch No. :11-0218	Date of Exp : June 2016
Batch Size : 1000 Kg	Date of Sampling: 10.07.2011
Quantity dispatched: 700 kg	Date Of Analysis : 13.07.2011
A . R . No. : LF-0221-11	Qty. Sampled : 150 g
CAS No. : 98 - 92 - 0	Mfg. Lic. No. : 823

Sr.No.	Tests	Specifications	Observation
1.	Description	White, fine powder.	White, fine powder
2.	Solubility	Freely soluble in water and in ethanol.	Complies
3.	Identifications	Test A - Infrared absorption B - Ultraviolet Absorption	Complies Complies
4.	Melting Range	Between 128 <sup>o</sup> C to 131 <sup>o</sup> C	129°C to 130°C
5.	Loss On Drying	Max. 0.5%	0.38%
6.	Residue On Ignition	Max. 0.1%	0.040%
7.	Heavy Metals	Max. 0.003%	Complies
8.	Readily Carbonizable Substances	By chemical test (the solution has no more color than matching Fluid A.)	Complies.
9.	Assay (on dried basis)	NLT 98.5% - NMT 101.5% of C <sub>6</sub> H <sub>6</sub> N <sub>2</sub> O	99.56%
10.	Particle size	100% pass through 100 mesh	Complies

**OPINION:** The sample complies with **USP-32** and additional specifications.

Analyzed by  
Banam Dasawade  
13/07/2011

Checked by  
Jitendra Bhardwaj  
13.07.2011

Approved by  
Dipali Thakur  
13.7.2011

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